

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E85340

Participation : CTR

Employer : Pacific Science Center

Status : Affected

Worksite : Headquarters

Survey Type : Online

Street : 200 2nd Ave N

Response Rate : 53%

Jurisdiction : City of Seattle

Survey Date : 11/13/2017

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 71.3%

Drive Alone Rate : 28.7%

One-Way VMT per employee : 2.9

Average One-Way distance home to work : 8.9

Employees and Survey Response Information

Reported Total Employees at Worksite: 382

Surveys Distributed : 382

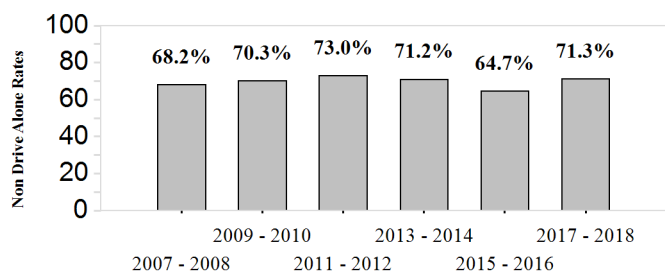
Surveys Returned : 202

Surveys Returned by CTR Affected* Employees : 137

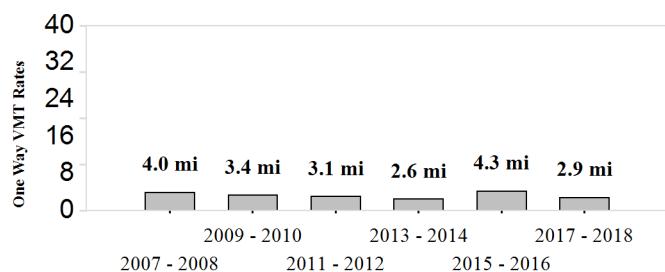
Total Estimated CTR Affected Employees at Worksite : 259

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO₂e Pounds CO₂e

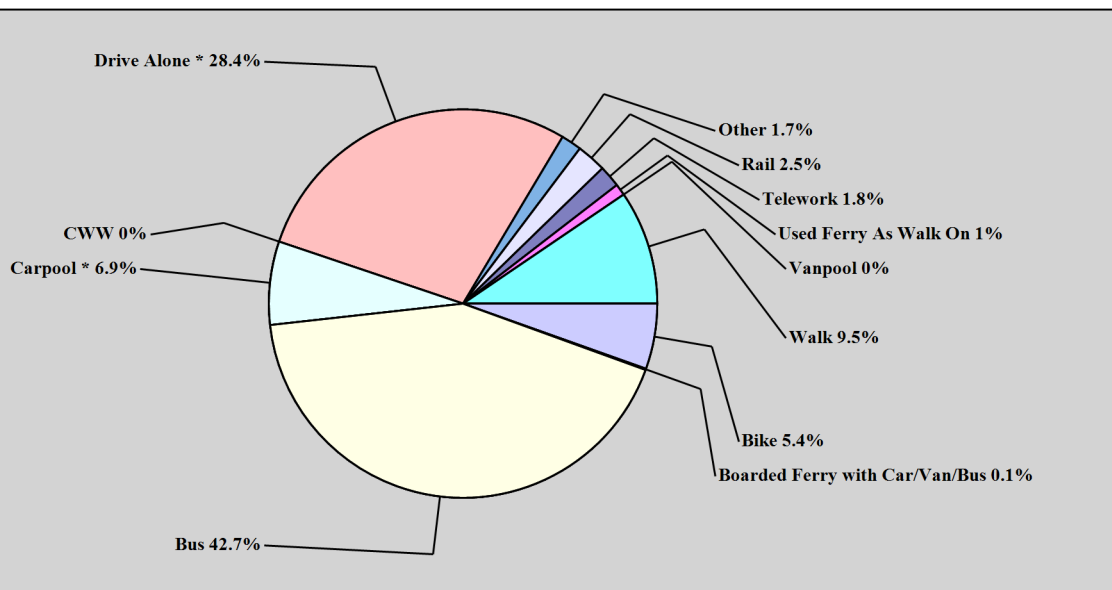
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	68.2%	65.7%	189	254	5.9	4.0	4.5
2009 - 2010	70.3%	61.0%	136	168	3.9	3.4	3.9
2011 - 2012	73.0%	66.3%	145	186	4.3	3.1	3.2
2013 - 2014	71.2%	68.9%	62	185	4.3	2.6	2.9
2015 - 2016	64.7%	62.6%	182	261	6.0	4.3	4.1
2017 - 2018	71.3%	70.0%	121	229	5.3	2.9	2.9
Target	60.0%				Target:	N/A	
% Point Change Target:	-8.2				% Change Target:	N/A	
% Point Change from Baseline:	3.1				% Change from Baseline:	-27.5%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



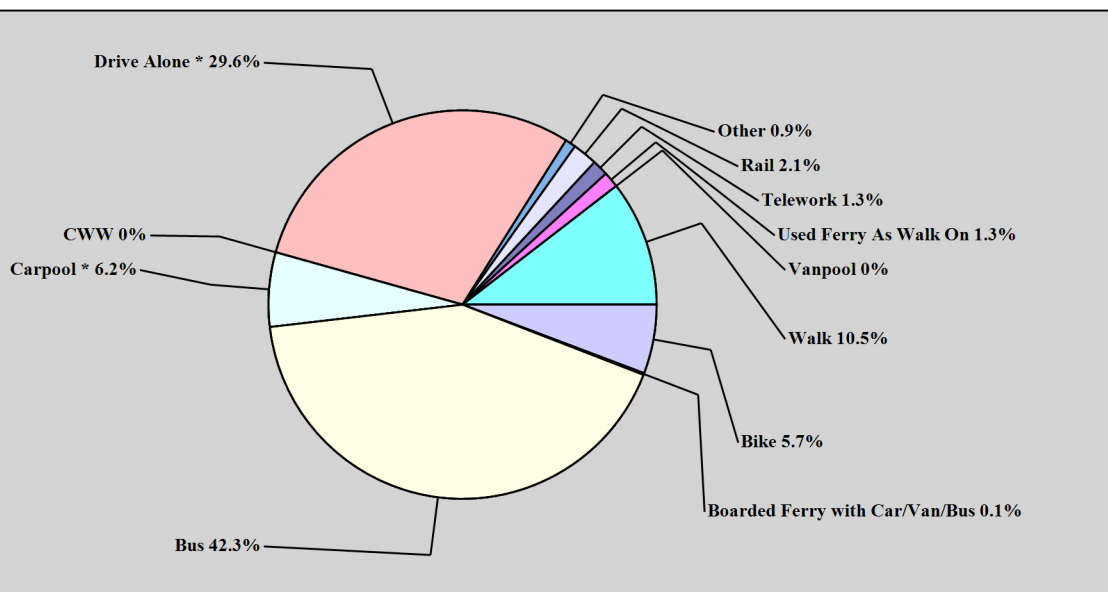
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	266	28.4%	35.3%	87	43.1%	45.3%
Carpool *	65	6.9%	7.0%	26	12.9%	12.9%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	400	42.7%	44.6%	105	52.0%	54.7%
Rail	23	2.5%	2.1%	12	5.9%	3.0%
Bike	51	5.4%	2.3%	15	7.4%	5.2%
Walk	89	9.5%	6.8%	24	11.9%	7.8%
Telework	17	1.8%	0.6%	8	4.0%	1.3%
CWW	0	0.0%	0.5%	0	0.0%	1.3%
Boarded Ferry with Car/Van/Bus	1	0.1%	0.0%	1	0.5%	0.0%
Used Ferry As Walk On	9	1.0%	0.4%	2	1.0%	1.3%
Other	16	1.7%	0.6%	5	2.5%	1.7%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	201	29.6%	37.4%	61	44.5%	53.8%
Carpool *	42	6.2%	7.1%	16	11.7%	13.7%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	287	42.3%	43.3%	69	50.4%	54.7%
Rail	14	2.1%	2.7%	6	4.4%	4.3%
Bike	39	5.7%	3.2%	9	6.6%	7.7%
Walk	71	10.5%	5.1%	18	13.1%	6.0%
Telework	9	1.3%	0.7%	5	3.7%	1.7%
CWW	0	0.0%	0.2%	0	0.0%	0.9%
Boarded Ferry with Car/Van/Bus	1	0.1%	0.0%	1	0.7%	0.0%
Used Ferry As Walk On	9	1.3%	0.2%	2	1.5%	0.9%
Other	6	0.9%	0.2%	2	1.5%	0.9%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	40	20%	202	100%
1 Days	12	6%	162	80%
2 Days	20	10%	150	74%
3 Days	16	8%	130	64%
4 Days	21	10%	114	56%
5 Days	79	39%	93	46%
6 or More Days	14	7%	14	7%

Count by Occupancy of Carpools and Vanpools

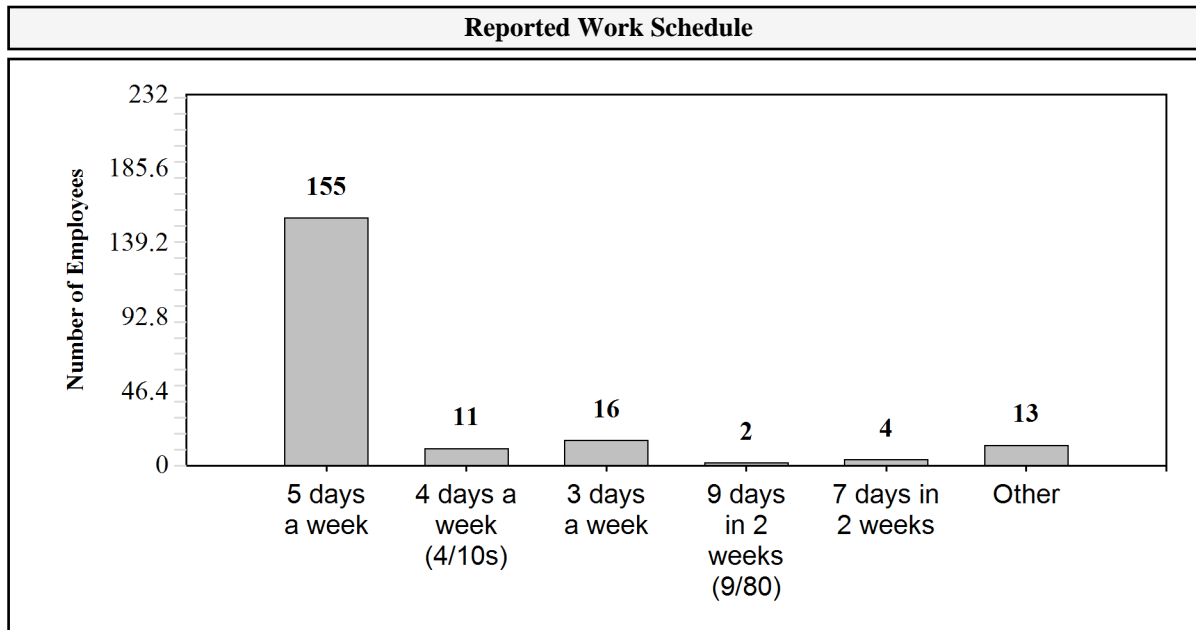
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	50
3	Carpool	14
4	Carpool	0
5	Carpool	1
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

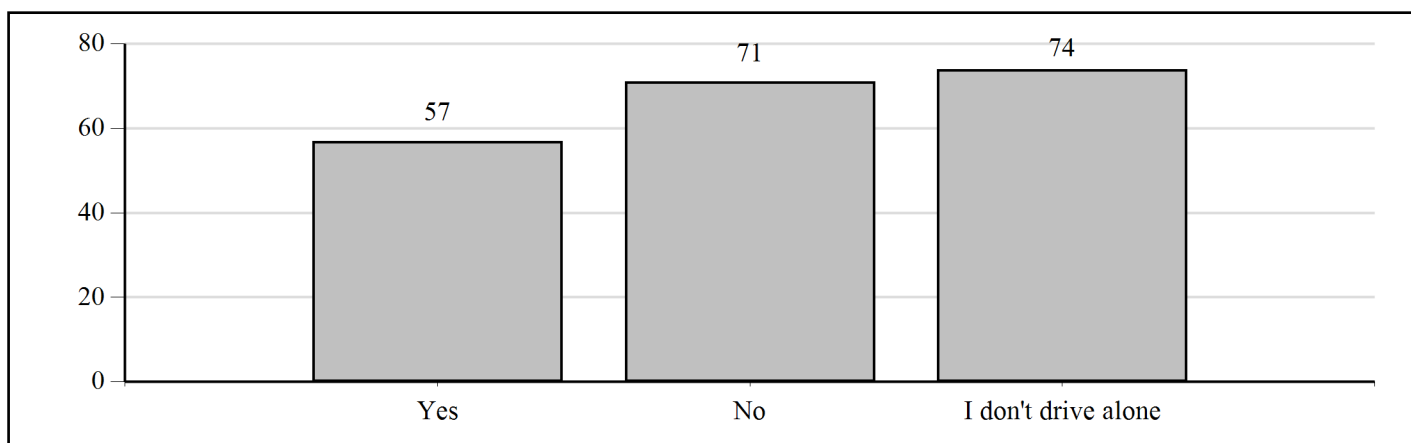
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	155	77.1%
4 days a week (4/10s)	11	5.5%
3 days a week	16	8%
9 days in 2 weeks (9/80)	2	1%
7 days in 2 weeks	4	2%
Other	13	6.5%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	152	75.2%
Occasionally, on an as-needed basis	37	18.3%
1-2 days/month	8	4.0%
1 day/week	2	1.0%
2 days/week	0	0.0%
3 days/week	3	1.5%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Free or subsidized bus, train, vanpool pass or fare benefit	100	20.0%
Environmental and community benefits	80	16.0%
Cost of parking or lack of parking	71	14.2%
To save money	69	13.8%
Personal health or well-being	50	10.0%
Driving myself is not an option	42	8.4%
Other	32	6.4%
To save time using the HOV lane	17	3.4%
Financial incentives for carpooling, bicycling or walking.	16	3.2%
I have the option of teleworking	16	3.2%
Emergency ride home is provided	3	0.6%
Preferred/reserved carpool/vanpool parking is provided	2	0.4%
I receive a financial incentive for giving up my parking space	1	0.2%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	114	28.9%
I like the convenience of having my car	98	24.8%
Other	77	19.5%
My job requires me to use my car for work	34	8.6%
Family care or similar obligations	30	7.6%
Bicycling or walking isn't safe	24	6.1%
My commute distance is too short	11	2.8%
I need more information on alternative modes	5	1.3%
There isn't any secure or covered bicycle parking	2	0.5%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98103	18	8.91%	18	4	0	0	48	0	2	1	0	0	0	0	3
98122	16	7.92%	20	0	0	0	40	0	6	1	0	0	0	0	4
98105	14	6.93%	8	0	0	0	36	6	5	1	1	0	0	0	0
98109	14	6.93%	8	0	0	0	2	0	5	52	0	0	0	0	3
98107	12	5.94%	10	0	0	0	39	0	5	0	1	0	0	0	0
98119	9	4.46%	12	0	0	0	25	0	0	4	0	0	0	0	0
98115	7	3.47%	7	8	0	4	13	0	1	0	0	0	0	0	0
98125	7	3.47%	10	1	0	0	16	0	0	0	0	0	0	0	4
98102	5	2.48%	5	2	0	0	6	0	5	2	3	0	0	0	0
98117	5	2.48%	4	2	0	0	11	0	4	0	6	0	0	0	2
98121	5	2.48%	4	0	0	0	0	0	0	24	0	0	0	0	0
98133	5	2.48%	3	20	0	0	3	0	0	0	0	0	0	0	0
98144	5	2.48%	5	0	0	0	13	5	0	0	1	0	0	0	0
98177	5	2.48%	10	0	0	0	15	0	0	0	0	0	0	0	0
98104	4	1.98%	1	0	0	0	9	0	10	0	0	0	0	0	0
98116	4	1.98%	15	3	0	0	3	0	0	0	0	0	0	0	0
98199	4	1.98%	4	0	0	0	10	0	5	0	0	0	0	0	0
98031	3	1.49%	9	0	0	0	3	1	0	0	0	0	0	0	0
98106	3	1.49%	0	0	0	0	13	0	3	0	0	0	0	0	0
98112	3	1.49%	2	0	0	0	9	0	0	4	0	0	0	0	0
98118	3	1.49%	2	1	0	0	2	5	0	0	0	0	0	0	0
98126	3	1.49%	4	5	0	0	5	0	0	0	0	0	0	0	0
98166	3	1.49%	9	1	0	0	0	3	0	0	0	0	0	0	0
98168	3	1.49%	13	0	0	0	2	0	0	0	0	0	0	0	0
98001	2	0.99%	10	0	0	0	0	1	0	0	0	0	0	0	0
98033	2	0.99%	5	0	0	0	3	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98040	2	0.99%	2	0	0	0	7	0	0	0	0	0	0	0	0
98087	2	0.99%	1	0	0	0	9	0	0	0	0	0	0	0	0
98136	2	0.99%	1	1	0	0	6	0	0	0	0	0	0	0	0
98146	2	0.99%	0	0	0	0	8	0	0	0	0	0	0	0	0
98155	2	0.99%	5	0	0	0	5	0	0	0	0	0	0	0	0
98204	2	0.99%	12	0	0	0	0	0	0	0	0	0	0	0	0
98003	1	0.50%	0	2	0	0	0	0	0	0	0	0	0	0	0
98004	1	0.50%	1	0	0	0	4	0	0	0	0	0	0	0	0
98006	1	0.50%	5	0	0	0	0	0	0	0	0	0	0	0	0
98007	1	0.50%	2	0	0	0	3	0	0	0	0	0	0	0	0
98008	1	0.50%	0	0	0	0	5	0	0	0	0	0	0	0	0
98019	1	0.50%	5	0	0	0	0	0	0	0	1	0	0	0	0
98028	1	0.50%	3	0	0	0	0	0	0	0	0	0	0	0	0
98029	1	0.50%	2	0	0	0	0	0	0	0	0	0	0	0	0
98030	1	0.50%	6	0	0	0	0	0	0	0	0	0	0	0	0
98037	1	0.50%	1	1	0	0	3	0	0	0	0	0	0	0	0
98038	1	0.50%	0	2	0	0	0	0	0	0	3	0	0	0	0
98055	1	0.50%	4	0	0	0	1	0	0	0	0	0	0	0	0
98056	1	0.50%	5	0	0	0	0	0	0	0	0	0	0	0	0
98057	1	0.50%	0	0	0	0	5	0	0	0	0	0	0	0	0
98059	1	0.50%	0	5	0	0	0	0	0	0	0	0	0	0	0
98077	1	0.50%	0	0	0	0	5	0	0	0	0	0	0	0	0
98108	1	0.50%	1	4	0	0	0	0	0	0	0	0	0	0	0
98178	1	0.50%	0	1	0	0	6	0	0	0	0	0	0	0	0
98188	1	0.50%	4	0	0	0	0	0	0	0	1	0	0	0	0
98198	1	0.50%	4	1	0	0	0	0	0	0	0	0	0	0	0
98208	1	0.50%	0	0	0	0	5	0	0	0	0	0	0	0	0
98312	1	0.50%	0	0	0	0	0	0	0	0	0	0	1	4	0
98370	1	0.50%	0	0	0	0	2	0	0	0	0	0	0	0	0



Weekly Count of Trips By Mode															
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98392	1	0.50%	0	0	0	0	0	0	0	0	0	0	0	5	0
98402	1	0.50%	2	1	0	0	0	0	0	0	0	0	0	0	0
98466	1	0.50%	2	0	0	0	0	2	0	0	0	0	0	0	0